Del Sur Elementary School

San Diego, California

NTD Architecture

Entire School/ Campus Building

New Construction

NTD ARCHITECTURE

9655 Granite Ridge Drive,
Suite 400
San Diego, CA 92123
www.ntd.com

Richard E. Nowicki, AIA,
Partner
858/565-4440

DESIGN TEAM

Richard E. Nowicki, AIA,
Partner-in-Charge

Bruce Thomas, AIA,
Project Manager

Mike Norton, Lead Designer/
Project Architect

OWNER/CLIENT

Poway Unified School District
Poway, CA

Doug Mann,
Executive Director
858/679-2522, ext. 2522

Type of School and
Grades Served:
Elementary School, K-5

Capacity: 800 students

Size of Site: 10.2 acres

Area of Building:
81,000 square feet

Volume of Building:
1.3 million cubic feet

Space per Student:
101 square feet

Cost per Student: $36,875

Square Foot Cost: $364

Cost of Construction:
$29.5 million

Total Project Cost:
$50.5 million

Contract Date: Jan. 2005

Completion Date: Aug. 2008

Percent of Completion: 50%

BUILDING EXTERIOR

Del Sur Elementary School is part of the re-emerging single-building campus trend that dates back to the beginning of schoolhouse design. While the layout may not be a new concept, this "old-school" design is certainly indicative of progressive thought. From environmental consideration to student-teacher interaction, Del Sur sets a new standard for progressive education design.

Del Sur Elementary, conceived as a community school, is centrally located within a master-planned development. The multipurpose room will be available for joint use with the community. A street green belt will establish a strong connection with its community.

A weeklong collaborative planning process determined that stakeholders and community members alike envisioned a school that focused on the community, learning, and energy efficiency. Including these stakeholders in the process ensured that goals were established and realized.

By housing all school functions under one roof, the design provides a 42 percent reduction in energy use. Reduced exterior wall and roof areas decrease the heating and cooling needed, resulting in lower costs and an improved physical environment.

EDUCATIONAL MALL

EDUCATIONAL MALL INTERIOR

PHOTOS: NTD ARCHITECTURE

It is estimated that 19 percent of the school's energy will come from photovoltaic roof panels. Additionally, an energy management system will monitor the use of lighting, equipment, and HVAC systems. ■